

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/930,4801636 #9
11/23/98
DATE: 11/23/98 Tmc
TIME: 12:11:04

INPUT SET: S29986.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

T. McKelvey

SEQUENCE LISTING

(1) General Information:

ENTERED

(i) APPLICANT: BRACCO, Laurent
SCHWEIGHOFFER, Fabien
TOCQUE, Bruno

(ii) TITLE OF INVENTION: CONDITIONAL EXPRESSION SYSTEM

(iii) NUMBER OF SEQUENCES: 29

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Rhone-Poulenc Rorer Inc.
(B) STREET: 500 Arcola Road, Mailstop 3C43
(C) CITY: Collegeville
(D) STATE: PA
(E) COUNTRY: USA
(F) ZIP: 19426

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER:
(B) FILING DATE:
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: FR 95/03841
(B) FILING DATE: 31-MAR-1995

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: WO PCT/FR96/00477
(B) FILING DATE: 29-MAR-1996

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Fehlner Esq., Paul F.
(B) REGISTRATION NUMBER: 35,135
(C) REFERENCE/DOCKET NUMBER: ST95021-US

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (610) 454-3839

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47 (B) TELEFAX: (610) 454-3808
48
4950 (2) INFORMATION FOR SEQ ID NO:1:
5152 (i) SEQUENCE CHARACTERISTICS:
53 (A) LENGTH: 19 base pairs
54 (B) TYPE: nucleic acid
55 (C) STRANDEDNESS: single
56 (D) TOPOLOGY: linear
5758 (ii) MOLECULE TYPE: cDNA
59
60
6162
63 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
6465 TCTCTATCAC TGATAGGGA
66

19

67 (2) INFORMATION FOR SEQ ID NO:2:
6869 (i) SEQUENCE CHARACTERISTICS:
70 (A) LENGTH: 17 base pairs
71 (B) TYPE: nucleic acid
72 (C) STRANDEDNESS: single
73 (D) TOPOLOGY: linear
7475 (ii) MOLECULE TYPE: cDNA
76
77
7879
80 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
8182 TATCACCGCA AGGGATA
83

17

84 (2) INFORMATION FOR SEQ ID NO:3:
8586 (i) SEQUENCE CHARACTERISTICS:
87 (A) LENGTH: 74 amino acids
88 (B) TYPE: amino acid
89 (C) STRANDEDNESS: single
90 (D) TOPOLOGY: linear
9192 (ii) MOLECULE TYPE: peptide
93
94
9596
97 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
98

99 Lys Lys Pro Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg Gly Arg

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100	1	5	10	15
101				
102	Glu Arg Phe Glu Met Phe Arg Glu Leu Asn Glu Ala Leu Glu Leu Lys			
103	20	25	30	
104				
105	Asp Ala Gln Ala Gly Lys Glu Pro Gly Gly Ser Arg Ala His Ser Ser			
106	35	40	45	
107				
108	His Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu			
109	50	55	60	
110				
111	Met Phe Lys Thr Glu Gly Pro Asp Ser Asp			
112	65	70		
113				

(2) INFORMATION FOR SEQ ID NO:4:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 768 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

129	TTACTCGCGG CCCAGCCGGC CATGGCCCAG GTGCAGCTGC AGCAGTCTGG GGCAGAGCTT	60
130		
131	GTAAGGTCAG GGGCCTCAGT CAAGTTGTCC TGCACAGCTT CTGGCTTCAA CATTAAAGAC	120
132		
133	TACTATATGC ACTGGGTGAA GCAGAGGCCT GAACAGGGCC TGGAGTGGAT TGGATGGATT	180
134		
135	GATCCTAAGA ATGGTGATAC TGAATATGCC CCGAAGTTCC AGGGCAAGGC CACTATGACT	240
136		
137	GCAGACACAT CCTCCAATAC AGCCTACCTG CAGCTCAGCA GCCTGGCATC TGAGGACACT	300
138		
139	GCCGTGTATT ATTGTAATTT TTACGGGGAT GCTTTGGACT ATTGGGGCCA AGGGACCACG	360
140		
141	GTCACCGTCT CCTCAGGTGG AGGCGGTTCA GCGGAGGTG GCTCTGGCGG TGGCGGATCG	420
142		
143	GATGTTTTGA TGACCCAAAC TCCACTCACT TTGTCGGTTA CCATTGGACA ACCAGCCTCC	480
144		
145	ATCTCTTGCA AGTCAAGTCA GAGCCTCTTG GATAGTGATG GAAAAACATA TTTGAATTGG	540
146		
147	TTGTTACAGA GGCCAGGCCA GTCTCCAAAG CGCCTAATCT ATCTGGTGTC TAAACTGGAC	600
148		
149	TCTGGAGTCC CTGACAGGTT CACTGGCAGT GGATCAGGGA CAGATTTAC ACTTAAAATC	660
150		
151	AACAGAGTGG AGGCTGAGGA TTTGGGAGTT TATTATTGCT GGCAAGGTAC ACATTCTCCG	720
152		

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768

153 CTTACGTTTCG GTGCTGGCAC CAAGCTGGAA ATTAAACGGG CGGCCGCA

154

155 (2) INFORMATION FOR SEQ ID NO:5:

156

157 (i) SEQUENCE CHARACTERISTICS:

158 (A) LENGTH: 15 amino acids

159 (B) TYPE: amino acid

160 (C) STRANDEDNESS: single

161 (D) TOPOLOGY: linear

162

163 (ii) MOLECULE TYPE: peptide

164

165

166

167

168 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

169

170 Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser

171 1 5 10 15

172

173 (2) INFORMATION FOR SEQ ID NO:6:

174

175 (i) SEQUENCE CHARACTERISTICS:

176 (A) LENGTH: 30 base pairs

177 (B) TYPE: nucleic acid

178 (C) STRANDEDNESS: double

179 (D) TOPOLOGY: linear

180

181 (ii) MOLECULE TYPE: cDNA

182

183

184 (ix) FEATURE:

185 (A) NAME/KEY: CDS

186 (B) LOCATION: 1..30

187

188

189 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

190

191 CCC AAG CCC AGT ACC CCC CCA GGT TCT TCA

30

192 Pro Lys Pro Ser Thr Pro Pro Gly Ser Ser

193 1 5 10

194

195

196 (2) INFORMATION FOR SEQ ID NO:7:

197

198 (i) SEQUENCE CHARACTERISTICS:

199 (A) LENGTH: 10 amino acids

200 (B) TYPE: amino acid

201 (D) TOPOLOGY: linear

202

203 (ii) MOLECULE TYPE: protein

204

205 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

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206
207 Pro Lys Pro Ser Thr Pro Pro Gly Ser Ser
208 1 5 10
209

210 (2) INFORMATION FOR SEQ ID NO:8:
211

212 (i) SEQUENCE CHARACTERISTICS:
213 (A) LENGTH: 18 base pairs
214 (B) TYPE: nucleic acid
215 (C) STRANDEDNESS: double
216 (D) TOPOLOGY: linear
217

218 (ii) MOLECULE TYPE: cDNA
219

220
221 (ix) FEATURE:
222 (A) NAME/KEY: CDS
223 (B) LOCATION: 1..18
224
225

226 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
227

228 ATG AAC CGG CTG GGC AAG
229 Met Asn Arg Leu Gly Lys
230 15
231
232

18

233 (2) INFORMATION FOR SEQ ID NO:9:
234

235 (i) SEQUENCE CHARACTERISTICS:
236 (A) LENGTH: 6 amino acids
237 (B) TYPE: amino acid
238 (D) TOPOLOGY: linear
239

240 (ii) MOLECULE TYPE: protein
241

242 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
243

244 Met Asn Arg Leu Gly Lys
245 1 5
246

247 (2) INFORMATION FOR SEQ ID NO:10:
248

249 (i) SEQUENCE CHARACTERISTICS:
250 (A) LENGTH: 33 base pairs
251 (B) TYPE: nucleic acid
252 (C) STRANDEDNESS: double
253 (D) TOPOLOGY: linear
254

255 (ii) MOLECULE TYPE: cDNA
256

257
258 (ix) FEATURE:

PAGE: 1

SEQUENCE VERIFICATION REPORT
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Original Text